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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Usuka <i>et al.</i>	Confirmation No.:	3878
Serial No.:	10/015,167	Art Unit:	1631
Filed:	December 11, 2001	Examiner:	Eric S. DeJong
For:	SYSTEM AND METHOD FOR PREDICTING CHROMOSOMAL REGIONS THAT CONTROL PHENOTYPIC TRAITS	Attorney Docket No:	9080-016-999 (800935-999015)

AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed on May 18, 2006 in connection with the above-identified patent application, please enter the following amendments and consider the following remarks. Applicants submit concurrently herewith a Petition for Extension of Time.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Drawings begin on page 3 of this paper and reference both the attached replacement sheet (Appendix A) and annotated sheet (Appendix B) showing changes.

Amendments to the Claims are reflected in the listing of claims that begins on page 4 of this paper.

Remarks / Arguments begin on page 17 of this paper.

Appendix A including Replacement Sheet for Figure 10 follows page 25 of this paper.

Appendix B including Annotated Sheets showing changes to Figure 10 follows Appendix A.